

CC ~~DLPC~~/FOS/RU
- DLPC/FOS, G. Bruni

GENERAL INSPECTION

LAND & LAKES LANDFILL #3
122nd and Torrence (Cook County)

INSPECTION DATE: July 11, 1985
PERSON INTERVIEWED: Bob Corbin, Landfill #3 Opr.
INSPECTED BY: Gino Bruni, DLPC, FOS, Maywood
Rob Sulski, DWPC/FOS, Maywood

Summary of Findings

No pumped discharges were observed as in the last inspection. Neither portable nor tractor pumps were openly visible on site. The zone of potential leachate leakage was repaired and a newly completed access road traversed the marshy area. Pond #1 was pumped dry and being excavated for a future fill trench, and an amount of leachate-suspect liquid was contained in a pit at the bottom and northeast corner of the future trench.

Recommendations

Routine surveillance by DWPC and DLPC, and follow up by DLPC on final disposal of leachate-suspect pit water.

EPA Region 5 Records Ctr.



354159

RECEIVED
Field Operations Section

AUG 15 1985
Environmental Protection Agency
State of Illinois

Introduction

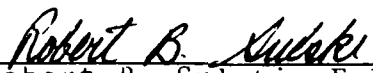
The purpose of this inspection was to resample a discharge noted during a previous visit to the subject facility. Preliminary sample results obtained by phone indicated that the discharge was within Part 304 effluent limits for conventionals, metals, cyanide and phenols. Upon receipt of the completed laboratory sheet, however, it was discovered that the ammonia nitrogen level was high enough to cause concern. The May 8, 1985 sample results and a current map of the landfill are attached.

Inspection Notes

At 0920 hrs we met Mr. Corbin at the front office and requested a tour of the landfill. During our walk northward, we noted that the new access road across the marsh and west edge leachate leakage zone repairs were completed. During the rest of our walk to Pond #1 we saw no portable or tractor pumps in the field.

At Pond #1 it was noted that Final Pond waters were no longer being pumped to the ditch. Mr. Corbin said that Land and Lakes Co. ceased discharging shortly after our last sampling inspection. Pumping probably intensified just after our visit, however, since Pond #1 was dry and water levels in the Final Pond and the marsh were substantially lower (approximately 1 meter) than noted during the previous inspection. Work was on-going to convert an area in and around Pond #1 into a new fill trench. Excavated material from the trench was being placed on now dry portions of the Final Pond bed located east and northeast of the trench. At the northeast corner and bottom of the trench was a pit, approximately 3 x 7 m², of unknown depth, containing a greyish-brown colored liquid. Mr. Corbin explained that the liquid was encountered during trench excavation and that because it may contain leachate, he had it contained.

At the close of the inspection, Mr. Corbin was informed that our previously collected discharge samples contained ammonia levels high enough to cause Agency concern over future discharges. At 1035 hrs we thanked Mr. Corbin for the tour and left the premises.


Robert B. Sulski, E.P.E.
8/13/85

RBS:bn

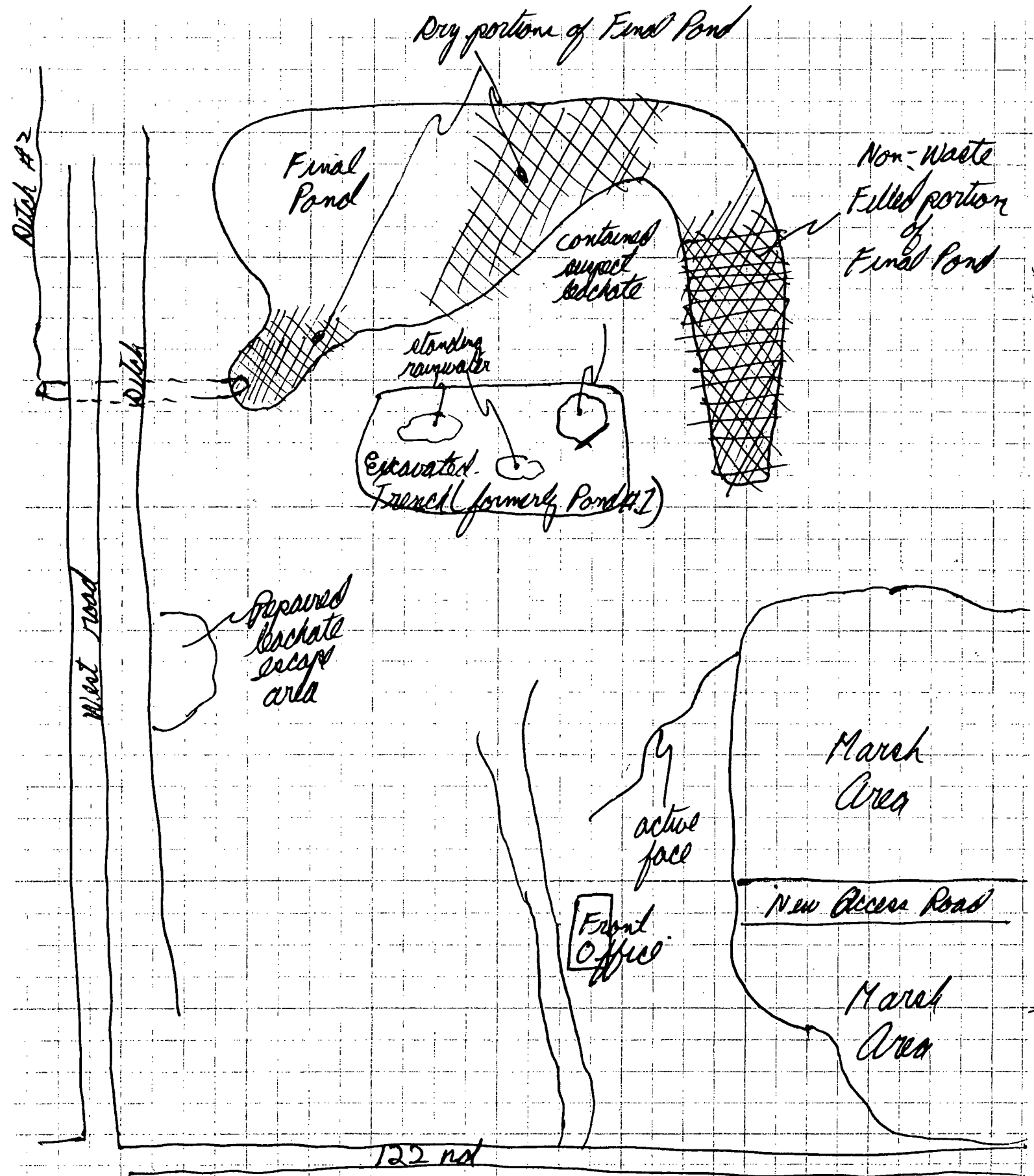
STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357
ADM 39

Subject Land & Lakes Landfill #3, 122nd and Torrence

Data Map of Facility

Reviewed by Rob Sulski Date 7/11/85



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SPECIAL ANALYSIS FORM

C 5286 MAY 19 85

Time Collected 1545 hrsSub-Basin MaywoodDate Collected 5/8/85Collector Robert B. Sulski

Facility Name:

Facility Number:

File Town

Land & Lakes Landfill #3 (122nd)Chicago

Stream Name(s)

Stream Code:

unnamed ditch tributary to Lake Calumet

Source of Sample: (Exact Location)

Blue discharge hose at ditch at northwest corner of landfill

Physical Observations, Remarks:

Grab sample
turbid, brownish color

Flow

Field Dissolved Oxygen

Field pH

Field Temp. 65°F0.014Arsenic

Coliform/100ml

6BOD0.2Barium

Fecal Coliform

145COD2.55Boron

Fecal Strep

TS/EC

0.00Cadmium

100 ml

90Susp. Solids0.03Copper

Algae (Total) /ml

21Vol. Susp. Solids0.01Chromium (tot)

Ammonia (N)

8.2pH (units)0.00Chromium (hex)

Organic Nitrogen (N)

Turbidity (JTU)

4.73Iron (Total)0.1

Nitrate + Nitrite (N)

Hardness

Iron (Dissolved)

Phosphorus (P)

Alkalinity

0.05Lead

Chloride

Total Acidity

0.63Manganese

Fluoride

Free Acidity

0.08Mercury (ppb)

Sulfate

2Oil0.0Nickel

MBAS

408RDE0.001Selenium

Phenol (ppb)

Other (Specify)

0.01SilverTransported by: Robert B. Sulski0.1Zinc

Received by:

Transported by:

Received by:

Results in mg/l unless otherwise noted.

FOR LAB USE ONLY

Lab Number: C505286
Date sample rec'd: 5-9-85 Time: 1:45
Date analysis completed:
Date results forwarded: JUN 24 1985
Total Tests requested: Tests run:
Lab Section: Chen Supervisor: Paugherty